

On file DOC release instructions apply.

S E C R E T

IN 32819

TOR 13/2051Z FEB 69 EWM

S E C R E T 132011Z FEB 69 CITE

25X1

PRIORITY

INFO

IDEALIST

SUBJECT: SNOW SURVEY PROGRAM

1. THIS HQ HAS BEEN REQUESTED TO SUPPORT AN EXPERIMENTAL PROGRAM OF THE DEPT OF COMMERCE WHICH WILL ATTEMPT TO PREDICT FUTURE WATER RESOURCES FROM SPRING RUN OFF OF MOUNTAIN SNOW COVER. THIS PROGRAM WILL BE HANDLED ON A LOW PRIORITY BASIS AND BE ACCOMPLISHED IN CONJUNCTION WITH SCHEDULED PRIORITY TRAINING/FLT TEST ON A NONINTERFERENCE BASIS.

2. REQUIREMENT IS FOR T-35 TRACKER PHOTOGRAPHY FLOWN IN EITHER C OR R MODEL OF THE FOLG FLIGHT LINES:

25X1

3. FLIGHT LINES MAY BE FLOWN IN EITHER DIRECTION AT THE BEGINNING OR END OF SCHEDULED FLIGHTS. BOTH FLT LINES MAY BE COVER

ON SAME FLIGHT AT DET G DISCRETION.

4. CAT II (LESS THAN 25 PERCENT CLOUD COVER) WEATHER 20 NM EACH SIDE OF TRACK SHALL BE THE CRITERION FOR SUCCESSFUL AREA COVERAGE. HOWEVER, REQUEST ALL TAKE, BOTH ON FLT LINES AND AREA OVER MOUNTAINS BETWEEN FLIGHT LINES REGARDLESS OF CLOUD COVER, BE FORWARDED PER INSTRUCTIONS BELOW.

5. REQUEST A MINIMUM OF ONE SUCCESSFUL FLIGHT OVER EACH FLIGHT LINE DURING FOLG PERIODS:

A. 25 FEB THRU 4 MAR

B. 27 MAR THRU 4 APR

C. 26 APR THRU 4 MAY

D. 27 MAY THRU 4 JUN

E. ADDITIONAL COVERAGE ON FLT LINE A ONLY DURING INTERMEDIATE PERIODS IS DESIRED BUT NOT REQUIRED.

6. FOR FLIGHTS PARA 5A THRU D USE TYPE 3404 FILM EXPOSED FOR MAXIMUM DETAIL IN SNOW COVER. IF POSSIBLE, ONE FLIGHT PARA 5E SHOULD USE SO121, EKTACHROME. (NOTE: IS FLOWN, PROGRESSING HANDLING DETAILS WILL FOLLOW)

4. TAKE SHOULD BE PROCESSED AT DET G FOR NORMAL MISSION ANALYSIS AND TO DETERMINE MISSION SUCCESS PER PARA 4. AFTER ANALYSIS SECTIONS OF ONE COVERING FLIGHT TRACKS AND INTERVENING AREA OVER MOUNTAINS TO BE

SHIPPED TO PROJECT HQ AS FOLLOWS:

A. FILM IS UNCLASSIFIED.

B. FOLG CLASSIFIED DATA SHOULD ACCOMPANY FILM:

(1) DATE OF FLIGHT

(2) GMT AND PRESSURE ALTITUDE AT BEGINNING AND END OF
EACH FLIGHT SEGMENT.

C. PACKAGE SHOULD BE INTERNALLY ADDRESSED TO SECURITY FOR DELIVERY

[REDACTED] SHIP VIA AVAIL COURIER ON NON-PRIORITY BASIS.

8. [REDACTED] PART II, INDICATE FLIGHTS SCHEDULED FOR SNOW

SURVEY. [REDACTED] PART I REMARKS TO INCLUDE PILOTS ESTIMATE
SUCCESS OF COVERAGE. REQUEST NOTIFICATION ASAP AFTER FILM ANALYSED
CHANGES AFFECTING SUCCESS ESTIMATE REPORTED IN [REDACTED]

9. PLEASE ADVISE NAME OF [REDACTED]
PROJECT OFFICER FOR SNOW SURVEY PROGRAM.

END OF MSG